

IN THE CLAIMS

Please cancel Claims 57, 63, 69, and 82.

Please amend Claims 54, 58, 60, 64 as follows:

54. (Amended) A method of making a terminally methyl-branched iso- or anteiso-fatty acid, or a mixture of said fatty acids, which comprises culturing a bacteria strain containing said fatty acid(s) to form a fermentation solution containing said fatty acid(s), and then isolating said fatty acid(s), from the fermentation solution, wherein the bacteria strain is from a genus selected from the group consisting of *Stenotrophomonas*, *Xanthomonas*, *Flavobacterium*, *Capnocytophaga*, *Altermonas*, *Cytophage*, *Bacillus*, *Chryseobacterium*, *Empdobacter*, *Aurebacterium*, *Sphinggobacterium*, *Staphylococcus*, and *Pseudomonas*.

58. (Amended) The method of Claim 54, wherein the bacterial strain is *Stenotrophomonas maltophilia*.

60. (Amended) A method of making a fermentation solution containing at least one terminally methyl-branched iso- or anteiso-fatty acid, which comprises culturing a bacteria strain containing said fatty acid in a nutritive medium to form a fermentation solution containing said fatty acid, wherein the bacteria strain is from a genus selected from the group consisting of *Stenotrophomonas*, *Xanthomonas*, *Flavobacterium*, *Capnocytophaga*, *Altermonas*, *Cytophage*, *Bacillus*, *Chryseobacterium*, *Empdobacter*, *Aurebacterium*, *Sphinggobacterium*, *Staphylococcus*, and *Pseudomonas*.

64. (Amended) The method of Claim 60, wherein the bacterial strain is *Stenotrophomonas maltophilia*.

Please add the following new claims:

85. (New) A method comprising

(1) culturing a bacteria strain containing at least one terminally methyl-branched iso- or anteiso-fatty acid in a nutritive medium, whereby a fermentation solution containing said fatty acid is formed, wherein the bacteria strain is from a genus selected from the group consisting of *Stenotrophomonas*, *Xanthomonas*, *Flavobacterium*, *Capnocytophaga*, *Altermonas*, *Cytophage*, *Bacillus*, *Chryseobacterium*, *Empdobacter*, *Aurebacterium*, *Sphingobacterium*, *Staphylococcus*, and *Pseudomonas*, and

(2) converting said fermentation solution into a product containing said at least one terminally methyl-branched iso- or anteiso-fatty acid, wherein said product is in the form of a liquid, powder, capsule, tablet, injection, or encapsulated with liposome, or adapted for topical application in the form of a cream, ointment, or lotion.

86. (New) A method ^{for?} comprising

(1) analyzing bacterial strains for those containing at least one terminally methyl-branched iso- or anteiso-fatty acid, or selecting a bacterial strain known to contain at least one terminally methyl-branched iso- or anteiso-fatty acid,

(2) culturing a bacteria strain containing said at least one terminally methyl-branched iso- or anteiso-fatty acid in a nutritive medium, whereby a fermentation solution containing said fatty acid is formed,

(3) converting said fermentation solution into a product containing said at least one terminally methyl-branched iso- or anteiso-fatty acid, wherein said product is in the form of a liquid, powder, capsule, tablet, injection, or encapsulated with liposome, or adapted for topical application in the form of a cream, ointment, or lotion, and

(4) administering the product to a patient in need thereof, wherein the need is selected from the group consisting of treating cancer, preventing cancer, treating skin disease, providing an antiaging effect, and providing immune boosting.